

# EUROPEAN PATENT OFFICE

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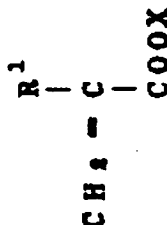
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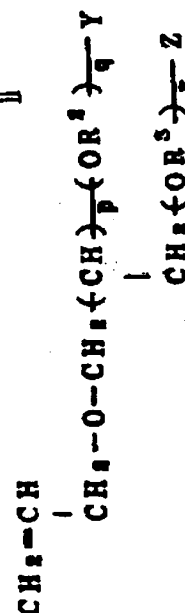
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TITLE : DISPERSANT FOR INORGANIC  
PIGMENT

I



II



ABSTRACT : PURPOSE: To provide a dispersant for inorganic pigments, which gives a low viscosity even at a high concentration and has excellent dispersion stability, consisting of a copolymer contg. (meth)acrylic acid monomer, an allyl ether monomer and a monomer copolymerizable therewith in a specified ratio.

CONSTITUTION: A dispersant consists mainly of a copolymer obtd. by using 20-99.5mol% of a (meth)acrylic acid monomer (A) of formula I (wherein R<sup>1</sup> is H, methyl; X is H, a mono- or bivalent metal, an ammonium group, an org. amine group), 0.5-80mol% of an allyl ether monomer (B) of formula II (wherein p is 1-4; q, r are each 0, 1-100; R<sup>2</sup>, R<sup>3</sup> are each a 2-4C alkylene; Y, Z are each hydroxyl group, a 1-4C alkoxy, a monovalent phosphate group, a monovalent sulfonate group, a monovalent sulfate group), and 0-40mol% of a monomer (C) copolymerizable therewith in such an amount to make (A+B+C)= 100mol%.

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